INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/11854

A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : B29C 45/00					
US CL : 264/328.1, 264/464, 264/442					
According to International Patent Classification (IPC) or to both national classification and IPC					
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U.S.: 26	Minimum documentation searched (classification system followed by classification symbols) U.S.: 264/328.1, 264/401, 264/464, 264/442				
Documentation INJECTION M	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched INJECTION MOLDING HANDBOOK (3rd ed.)				
Electronic data	a base consulted during the international search (nam	e of data b	pase and, where practicable, sear	rch terms used)	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	ppropriate	of the relevant passages	Polovent to alai N.	
	US 6,355,196 B1 (KOTNIS et al) 12 March 2002 (1	2 02 2002	, of the relevant passages	Relevant to claim No.	
	65; column 2, lines 19-23; column 3, lines 60-66; column 5, lines 1-8, 16-23, 30-47; column 7, lines 2	olumn 4, li	ines 1-9, 31-46, 58-65;	1-4, 9-15, 19, 22, 27- 29, 41	
	lines 25-40; column 11, lines 26-36.			5, 7-8, 16-17, 20-21, 23, 25-26, 30, 33, 35- 38, 40, 42, 44	
Y -	Y — ROSATO, Dominick V., Donald V. Rosato, and Marlene G. Rosato. INJECTION MOLDING HANDBOOK (3rd ed.) Kluwer Academic Publishers: Boston. 2000, Pages 150, 263, 271-272, 334, 354, 445, 692-693.				
A -	A — US 3,930,061 A (SCHARFENBERGER) 30 December 1975 (30.12.1975)			1-44	
A US 5,744,697 A (MARTELL et al) 28 April 1998 (28.04.1998)			1-44		
A US 6,159,407 A (KRINKE et al) 12 December 2000			000)	1-44	
Y US 5,938,876 A (EDWARDS et al) 17 August 1999 (17.08.1999), column 2, lines 30-33, 52-56			999), column 2, lines 30-33,	35-38	
	documents are listed in the continuation of Box C.		See patent family annex.		
"A" document of	ecial categories of cited documents: defining the general state of the art which is not considered to be ar relevance	"T"	later document published after the inte date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the	
•	fication or patent published on or after the international filing date	"X"	document of particular relevance; the considered novel or cannot be conside when the document is taken alone	claimed invention cannot be red to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is				when the document is	
"O" document i	referring to an oral disclosure, use, exhibition or other means		combined with one or more other such being obvious to a person skilled in the		
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed					
Date of the actual completion of the international search 01 July 2003 (01.07.2003)			mailing of the international search	ch report	
Name and mailing address of the ISA/US Authorized officer					
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Commissioner for Patents			Ieithrink Jean Fr	over - A	
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Form PCT/ISA/210 (second sheet) (July 1998)

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INTERNATIONAL SEARCH REPORT

C.	(Continuation)	DOCUMENTS	CONSIDERED 7	TO BE RELEVANT

Category *	* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No		
Α —	US 5,952,018 A (BELDUE et al) 14 September 1999 (14.09.1999)	1-44	
Υ ~	US 6,287,428 B1 (GALE et al) 11 September 2001 (11.09.2001), column 2, lines 49-54; column 4, lines 52-54.	30	
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